

No 139. 4 Oct 6-27"/93

Goulds Quarry. One  
mile N. of Little  
Macapum. Passaic Co. N.J.

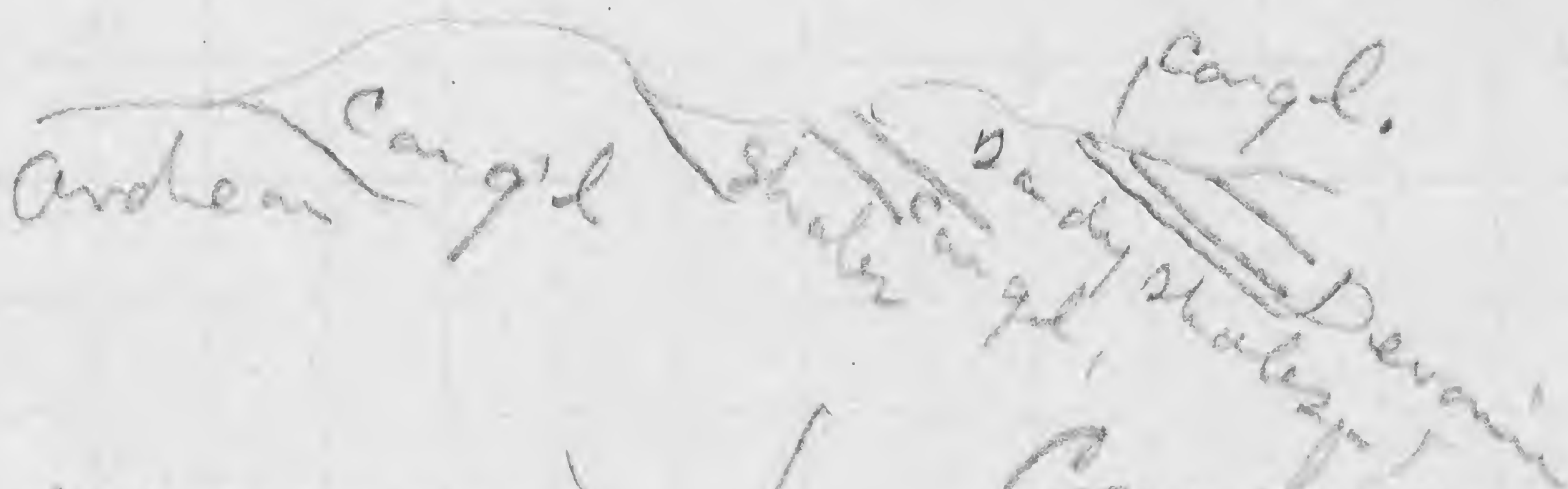
The section is described  
in Am. Geol. State  
Geol. New Jersey, for  
1884.

Add to description  
that the Congl. just  
beneath the limestone  
is made of white & grey  
pebbles in a reddish  
matrix. That redish-  
purple beds of coarse  
sandstone are associated  
with it. The section  
is essentially the same  
as that  $1\frac{1}{2}$  miles N.N.E.,  
where Oleydles occurs  
in the limestone.

139. Can - B,

The massive-bedded  
conglomerate succeeds  
a belt of shale & by the  
New Jersey map ~~this is~~  
~~and~~ congl - is continued  
into that of Kanawha  
Mnt. if this is correct the  
probabilities are that  
Cappas Mnt. & Kanawha  
Mnt. conglomerates are  
of Cambrian age.

At the S.W. end of  
Greenwood Lake the  
succession appears to  
be. This is a normal



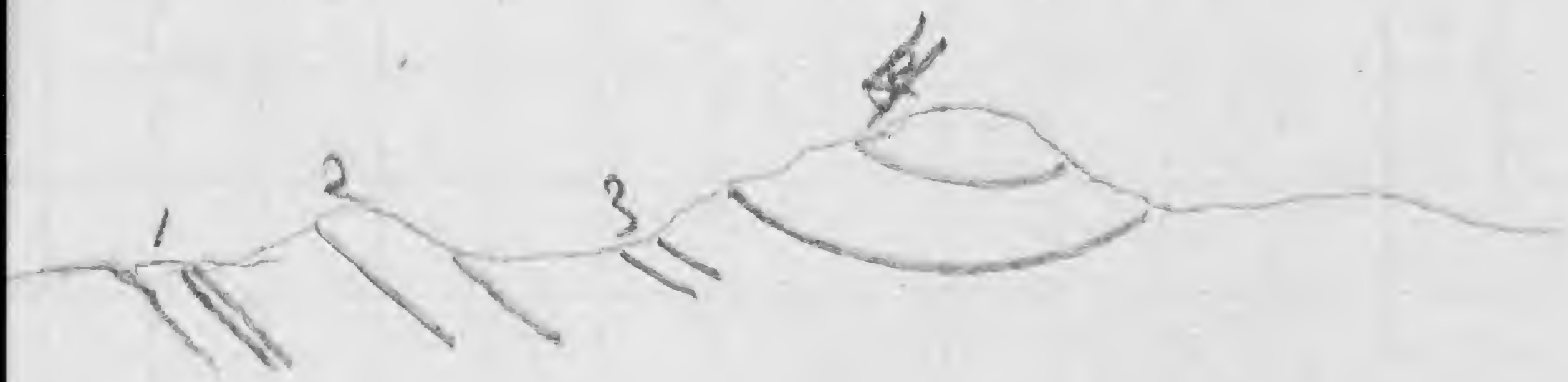
succession from Cambrian  
to Devonian. Same  
succession also occurs  
on West side of



139. Can - C

Shumamuk Mt. N.Y.

The conglomerates then  
of the Green Pond series  
include 3. or more



goes -

4. Devonian,

3. Silurian

2. Upper Cambrian or Ord.

1. Lower Cambrian.

1 = Hills & 2 1/2 mi N. of  
Macopin Lake.

2. Kanouse Mt.

3. Greenwood Lake,

4. Shumamuk Mt. N.Y.

139. Cont'd - D

The conditions of deposition in the Green Pond Mt area were unlike those to the westward & east. It was a local basin of sedimentation in which the conditions favorable to the forming of the reddish conglomerate were repeated several times. As in all local deposits of <sup>coarse</sup> clastic material the thickness of the deposit varies rapidly from one side of the strike & also across the strike.

---

On the New Jersey <sup>Scale</sup> map of 1868. The Conglomerate series of Skunk Mt - is represented as extending south into Belle-Vue Mt. & on to Bear Foot Mt. There is



139 - Contd E

little evidence of this.  
On the contrary it is  
probable that the conglomerate  
of Belle-Vale  
Mt. is of an earlier  
date than that of  
Shummon Mt. The  
Congl. of Bear Fork Mt.  
certainly appears to be  
of the Kanawha Mt.  
series if the section  
of the south end of  
Greenwood Lake is  
correctly interpreted  
(Ante 139, B.)